

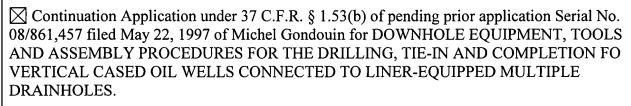
PATENT Customer Number 22,852 Attorney Docket No. 2376.0006-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ASSISTANT COMMISSIONER FOR PATENTS Washington, D.C. 20231

Prior Application Examiner: H. Dang Prior Application Art Unit: 08/861,457

SIR: This is a request for filing a



l.	Enclosed is a complete copy of the prior application including the oath or Declaration and drawings, if any, as originally filed.

2. Enclosed is a substitute specification under 37 C.F.R. § 1	.125.
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3.	Enclosed is a Request for Non-Publication of Application and Certification Under
	35 U.S.C. § 1.22(b)(2)(B)(i).

4.	Cancel Clair	ns [Text].
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5. A Preliminary Amendment is enclosed.

6. \boxtimes The filing fee is calculated on the basis of the claims existing in the prior application as amended at 4 and 5 above.

Basic Application Filing Fee					\$710	\$	\$710.00
	Number of Claims		Basic	Extra Claims			•.
Total Claims	47	-	20	27	x \$18		486.00
Independent Claims	7	-	3	4	x \$80		320.00
Presentation of Multiple Dep. Claim(s) +\$270							
Subtotal				\$	1,516.00		
Reduction by 1/2 if small entity			-				
TOTAL APPLICATION FILING FEE			\$	1,516.00			

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7.	\boxtimes	A check in the amount of \$1,516.00 to cover the filing fee is enclosed.
8.		The Commissioner is hereby authorized to charge any fees which may be required including fees due under 37 C.F.R. § 1.16 and any other fees due under 37 C.F.R. § 1.17, or credit any overpayment during the pendency of this application to Deposit Account No. 06-0916.
9.		Amend the specification by inserting before the first line, the following new paragraph:
		This is a \boxtimes continuation of application Serial No.08/861,457, filed May 22, 1997, which is a reissue of U.S. Patent 5,462,120, which was accorded a filing date of December 3, 1991.
10.		New formal drawings are enclosed.
11.		The prior application is assigned of record to: Halliburton Energy Services, Inc., P.O. Box 819052, Dallas, Texas 75381, Reel 8535, Frame 0562.
12.		Priority of application Serial No. [Text], filed on [Text] in [Country] is claimed under 35 U.S.C. § 119. A certified copy
		is enclosed or is on file in the prior application.
13.		A verified statement claiming small entity status
		is enclosed or is on file in the prior application.
14.		The power of attorney in the prior application is to at least one of the following: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg.

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		David A. Manspeizer, Reg. No. 37,540; and Kathleen A. Daley, Reg. No. 36,116.
15.		The power appears in the original declaration of the prior application.
16.		Since the power does not appear in the original declaration, a copy of the power in
		the prior application is enclosed.
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17.	\boxtimes	Please address all correspondence to FINNEGAN, HENDERSON, FARABOW,
		GARRETT and DUNNER, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-
		3315, Customer Number 22,852.
18.		Recognize as associate attorney
10.		Teeognize as associate attorney
19.		Also enclosed is
PET	ITION I	FOR EXTENSION. If any extension of time is necessary for the filing of this
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application, including any extension in the parent application, serial no. [Text], filed [Date], for the purpose of maintaining copendency between the parent application and this application, and such extension has not otherwise been requested, such an extension is hereby requested, and the

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Commissioner is authorized to charge necessary fees for such an extension to our Deposit Account No. 06-0916. A duplicate copy of this paper is enclosed for use in charging the deposit account.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Dated: June 4, 2001

Kathleen A. Daley

Reg. No. 36,116_